



LAMINATE

# TECHNICAL DATA SHEET

**Eligna**

**Edition 01.2017**

## DIMENSIONS

### FORMAT

Width	156	mm
Length	1380	mm
Number of panels per pack	8	
m <sup>2</sup> per pack	1,7222	m <sup>2</sup>
Bevels	-	
Thickness	8,0	mm
Tongue and groove	Uniclic	

## FACTORY WARRANTY

	METHOD	PARAMETERS	Quick-Step VALUES
Usage class	EN 13329		Class 21-22-23/31-32
CE	EN 14041	Notified body NB0766 EPH Dresden	DOP: QL 0501
Warranty	Residential use	See warranty conditions	25 years
	Splash warranty		yes
	Commercial use	See warranty conditions	5 years

## GENERAL DATA (ACCORDING TO EN 13329)

	METHOD	PARAMETERS	NORM REQUIREMENTS	Quick-Step VALUES
Wear resistance	EN 13329		≥ 4000 cycles	≥ 4000 cycles
Wear class	EN 13329		AC4	AC4
Impact resistance	EN 13329		IC2	IC2
Scratch resistance	EN 438-2, 25		Charge ≥ 3N	Charge ≥ 5N
Effect of a castor chair	ISO 4918 (with underlay)	Type W (EN 12529)	25000 cycles	No change
Thickness swelling	ISO 24336	After 24h immersion at 20°C	≤ 18%	≤ 12%
Locking strength	ISO 24334	F10,2 long side	≥ 1 kN/m	≥ 1 kN/m
		Fmax long side		≥ 1 kN/m
		Fs0,2 short side	≥ 2 kN/m	≥ 2 kN/m
		Fmax short side		≥ 2 kN/m
Effect of a furniture leg	EN 424		No damage shall be visible, when tested with foot type 0	No visible damage
Surface soundness	EN 13329	N/mm <sup>2</sup>	≥ 1,25	≥ 1,50
Static indentation	EN 433		residual indentation ≤ 0,05 mm	No visible change
Resistance to staining	EN 438	Group 1,2	Class 5	Class 5
		Group 3	Class 4	Class 5
General appearance	EN 13329	Height differences	≤ 0,15 mm	≤ 0,10 mm
		Opening between joints	≤ 0,20 mm	≤ 0,10 mm
		Cupping in the length	concave ≤ 0,50%	≤ 0,50%
			convex ≤ 1,00%	≤ 1,00%
		Cupping in the width	concave ≤ 0,15%	≤ 0,15%
convex ≤ 0,20%	≤ 0,20%			
Dimensional variations after changes in relative humidity	EN 13329	δl	δl average ≤ 0,9 mm	≤ 0,9 mm
		δw	δw average ≤ 0,9 mm	≤ 0,9 mm
Light fastness	EN ISO 105 B02	Blue reference	Class ≥ 6	Class 8





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## OTHER TECHNICAL DATA

	METHOD	PARAMETERS	NORM REQUIREMENTS	Quick-Step VALUES
Impact sound reduction	ISO 712/2	On a Quick-Step underlay		$\Delta L_w \approx 18$ dB (Depending on used underlay)
Burning cigarette	EN 438-2,30		Class 4	Class 5

## ENVIRONMENT, SAFETY & HEALTH

	METHOD	PARAMETERS	NORM REQUIREMENTS	Quick-Step VALUES
Formaldehyde emission	EN 717-1	ppm	E1 < 0,1	< 0,01
Anti-static	EN 1815		$\leq 2,0$ kV	$\leq 2,0$ kV
Reaction to fire	EN 13501-1	Class		Cl-s1
Thermal resistance	EN 12996:2001	m <sup>2</sup> K/W		0,055 m <sup>2</sup> K/W
Floor heating		On a Quick-Step underlay	See special instructions	Suitable
Slip resistance	EN 13893	$\mu$	$\mu \geq 0,30$	DS: $\mu \geq 0,30$

## CERTIFICATES

U-zeichen		Z-156.606-996
AFFSET		A+
Nordic ecolabel		30290001
PEFC		PEFC/07-32-37
Singapore Greenlabel		035-098-1422
M1		
UPEC	ST10-003	U3P3E1C2

